

ABSTRACT

A method of producing a perovskite complex oxide is provided wherein, at the time of producing a perovskite (RTO_3) complex oxide phase by heat treating a precursor substance that is a powdery starting material containing
5 at least one rare earth element R and at least one transition metal element T, there is used as the precursor substance an amorphous substance containing the R and T components at the content ratio required for producing the complex oxide. The obtained perovskite complex oxide has a specific surface area exceeding $10 \text{ m}^2/\text{g}$.